

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400032321

Plugging Bond Surety

20090078

APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refiling
Sidetrack

3. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION 4. COGCC Operator Number: 69175

5. Address: 1775 SHERMAN STREET - SUITE 3000
City: DENVER State: CO Zip: 80203

6. Contact Name: Sarah Garrett Phone: (303)860-5803 Fax: (303)860-5838
Email: sgarrett@petd.com

7. Well Name: Wells Ranch Well Number: 36L

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 6900

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 36 Twp: 6N Rng: 63W Meridian: 6

Latitude: 40.436070 Longitude: -104.390420

Footage at Surface: 155 FNL/FSL 1215 FEL/FWL FNL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4740 13. County: WELD

14. GPS Data:

Date of Measurement: 12/22/2009 PDOP Reading: 6.0 Instrument Operator's Name: Thomas G Carlson PLS 24657

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

16. Is location in a high density area? (Rule 603b)? Yes No

17. Distance to the nearest building, public road, above ground utility or railroad: 3 mi

18. Distance to nearest property line: 155 ft 19. Distance to nearest well permitted/completed in the same formation: 795 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Niobrara Codell	NBCD	407-87	160	GWA
Sussex Shannon	SXSN	N/A	160	GWA

21. Mineral Ownership: Fee State Federal Indian Lease #: _____

22. Surface Ownership: Fee State Federal Indian

23. Is the Surface Owner also the Mineral Owner? Yes No Surface Surety ID#: _____

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? Yes No

23b. If 23 is No Surface Owners Agreement Attached or \$25,000 Blanket Surface Bon \$2,000 Surface Bond \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):
Section 36, Township 6 North, Range 63 West

25. Distance to Nearest Mineral Lease Line: 155 ft 26. Total Acres in Lease: 640

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? Yes No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? Yes No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? Yes No

30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal: Offsite Onsite

Method: Land Farming Land Spreading Disposal Facility Other: _____

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	500	300	500	0
1ST	7+7/8	4+1/2	10.5	6,900	180	6,900	5,700

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None

33. Comments Conductor casing will not be used. Well will be tied into the existing Wells Ranch 36B tank battery. A separate 2A will be filed for the tank battery, if necessary.

34. Location ID: _____

35. Is this application in a Comprehensive Drilling Plan ? Yes No

36. Is this application part of submitted Oil and Gas Location Assessment ? Yes No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Sarah Garrett

Title: Landman Date: _____ Email: sgarrett@petd.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

API NUMBER	Permit Number: _____	Expiration Date: _____
05	CONDITIONS OF APPROVAL, IF ANY: _____	

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

Attachment Check List

Att Doc Num	Name	Doc Description
400032465	PLAT	Wells Ranch 36L Plat.pdf
400032469	TOPO MAP	Wells Ranch 36L Topo.pdf
400032471	30 DAY NOTICE LETTER	Wells Ranch Sec 36 New Drill Notice Letter Pollart.pdf
400032472	EXCEPTION LOC WAIVERS	Wells Ranch Sec 36 Directional Drilling Waiver.pdf
400032473	EXCEPTION LOC REQUEST	Wells Ranch 36 - DDW - Loc. Exc Request.pdf
400032474	CORRESPONDENCE	Wells Ranch 36L 20-Day Notice to Noble.pdf
400032477	OTHER	Wells Ranch 36L 20-Day Letter to Director.pdf
400032478	PROPOSED SPACING UNIT	Wells Ranch 36L BHL Map.pdf

Total Attach: 8 Files